

# Slc6a4-KO

系統名	C57BL/6Smoc- <i>Slc6a4</i> <sup>em1Smoc</sup>
SMOC番号	NM-KO-200892
維持形態	Embryo cryopreservation

## 遺伝子の概要

Gene Symbol <b>Slc6a4</b>	<b>Synonyms</b>	Htt, Sert, 5-HTT, AI323329
	<b>NCBI ID</b>	<a href="#">15567</a>
	<b>MGI ID</b>	<a href="#">96285</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000020838</a>
	<b>Human Ortholog</b>	SLC6A4

## 説明

Exon 3-4 of *Slc6a4* gene was deleted to generate *Slc6a4* knockout mice.

\*Literature published using this strain should indicate: *Slc6a4*-KO mice (Cat. NO. NM-KO-200892) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Autism Spectrum Disorder	<b>表現型</b>	<a href="#">MGI:5467729</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Pten</i> -KO(NM-KO-18002) mice.
	<b>参考文献</b>	Page DT, Kuti OJ, Prestia C, Sur M, Haploinsufficiency for <i>Pten</i> and Serotonin transporter cooperatively influences brain size and social behavior. <i>Proc Natl Acad Sci U S A.</i> 2009 Feb 10;106(6):1989-94

<b>autism spectrum disorder</b>	<b>表現型</b>	<a href="#">MGI:3640114</a>
	<b>参考文献</b>	Olexova L, Talarovicova A, Lewis-Evans B, Borbelyova V, Krskova L, Animal models of autism with a particular focus on the neural basis of changes in social behaviour: an update article. <i>Neurosci Res.</i> 2012 Dec;74(3-4):184-94

### 表現型データ

No data